

## SECTION I—SPECIFICATION

### **Amendment to the Specification:**

Applicants respectfully request the Examiner to make the following amendments to the specification in view of the remarks provided in section III, beginning on page 14.

#### **Paragraph [0013]:**

Please replace paragraph [0013] of the specification with the following amended paragraph:

**[0013]** Development environment 218 provides a software development environment for writing computer software. In an embodiment, Web service implementation 214, virtual interface 216, and/or Web service configuration 220 are developed in development environment 218. In an embodiment, development environment 218 is an implementation of, at least in part, the Eclipse Platform available under the Common Public License from the Eclipse Consortium—([www.eclipse.org](http://www.eclipse.org)). In an alternative embodiment, development environment 218 may be a different development environment.

#### **Paragraph [0005]:**

Please replace paragraph [0005] of the specification with the following amended paragraph:

**[0005]** Service ~~directory registry~~ 130 is a registry and discovery service for Web services. Service ~~directory registry~~ 130 may implement one of the Universal, Discovery, Description, and Integration of Web services (UDDI) specifications, for example, UDDI Version 3.0, Published Specification, Dated 19 July 2002 (hereinafter, the UDDI Specification). The UDDI Specification defines a set of SOAP messages that are used to access XML-based data (e.g., WSDL document 140) in a registry. The UDDI Specification also defines a registry information model to structure

the data stored in service directory 130 and to make it easier to search and navigate.

Paragraph [0006]:

Please replace paragraph [0006] of the specification with the following amended paragraph:

**[0006]** Service consumer 120 is a computing device that locates and uses a Web service published in service ~~directory~~ ~~registry~~ 130. Service consumer 120 may be, for example, a Web application server, a general-purpose computer, personal digital assistant, telephone, and the like. Service consumer 120 may implement the UDDI Specification to find and retrieve WSDL document 140. Service consumer 120 may generate a Web service client (not shown) based on WSDL document 140. The generated Web service client may then access the Web service from service provider 110 via, for example, the Internet.

Paragraph [0056]:

Please replace paragraph [0056] of the specification with the following amended paragraph:

**[0056]** In an embodiment, testing a Web service includes generating a Web service client based on, for example, a WSDL document. In such an embodiment, generating a client includes generating one or more classes (e.g., ~~an SI class and/or~~ an SEI class). The generated classes may be used to provide a common user interface for building a test request and sending it to, for example, a server. In an embodiment in which testing the Web service includes generating a client, both the client-side and the server-side of the Web service may be tested because the generated client may be used to generate the request and/or to parse the response. An additional advantage to such an embodiment is that the test request and/or test response use the same protocols and/or transports that an actual request and/or response would use.